

**NATURAL RESOURCES CONSERVATION SERVICE**  
**Wyoming**  
**CONSTRUCTION SPECIFICATIONS**  
**FOR**  
**IRRIGATION FIELD DITCH**

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(Owner/Operator)

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(Project Title)

#### GENERAL

Installation shall be in accordance with an approved design and plan. Details of construction shown on the drawings but not included herein are considered as a part of this specification. Construction activities shall be in accordance with applicable OSHA regulations.

#### FOUNDATION PREPARATION

The foundation area for all ditch pads and embankments shall be cleared and stripped of all brush, roots, sod, large rock or other material not suited for making a compacted earthfill.

#### EXCAVATION

Ditches shall be excavated to the lines and specified grades as shown on the drawings or as staked in the field. The finished cross-section shall have a smooth surface.

Excess materials shall be disposed in designated spoil disposal areas. Overfill on ditch banks is permissible if it does not interfere with the function of the ditch or related structures.

#### EMBANKMENTS

Embankment materials shall be free of brush, roots, sod, rock or other material not suited for making earthfill. Moisture content and method of placing in nearly horizontal lifts and method of compaction with equipment shall result in a firm compacted fill.

The thickness of layers prior to compaction shall not be more than 8 inches in thickness. Compaction shall be no less than two passes of pneumatically tired equipment over the entire surface area of each lift.

#### STRUCTURES

Structures shall be installed in conjunction with the ditch when shown or listed on the drawings. Construction shall be in accordance with applicable Wyoming Construction Specification 587 or as noted in ADDITIONAL SPECIFICATIONS of this Specification.

#### ADDITIONAL SPECIFICATIONS